REPLACEMENT SHEET
Applin. Filing Date: December 19, 2000
Title: FAST FOURIER TRANSFORM CORRELATION TRACKING ALGORITHM WITH BACKGROUND CORRECTION Inventor(s): Ruey-Yuan Han
PEApplin. No.: 09/739,002
Sheet 2of 5 SOUR O P HULL REPORT OF THE PROPERTY OF THE 222 221 2-D INVERSE SEARCH FOR MINIMUM H 220 216 215 213 MULTIPLICATION 2-D COMPLEX COMPLEX CONJUGATE + 230 PRE-PROCESSED AND STORED 2-D SINC FUNCTION IN FREQUENCY DOMAIN 219 212 MULTIPLICATION 2-D COMPLEX 2-D FFT 218 214 210 **ZERO PADDING EXPANDING** IMAGE BY 2-D FFT 2-D FFT 217 240 250 SQUARE OF PIXEL VALUE STORED REFERENCE WINDOW TAKING INPUT SEARCH WINDOW

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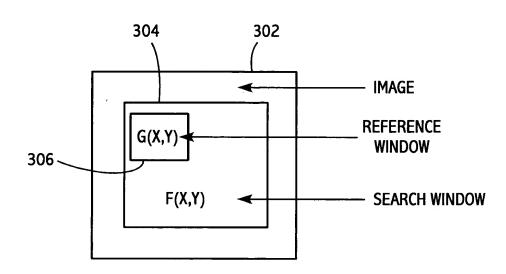
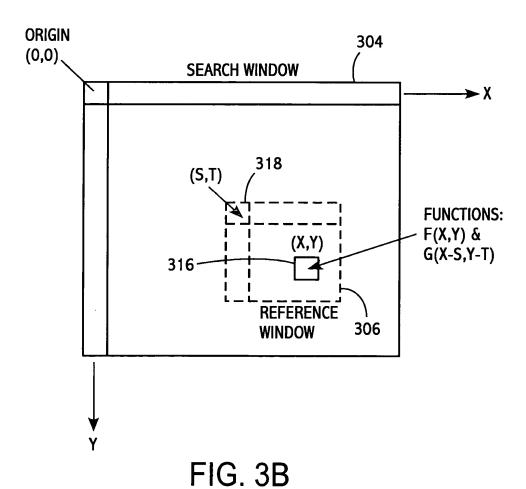


FIG. 3A



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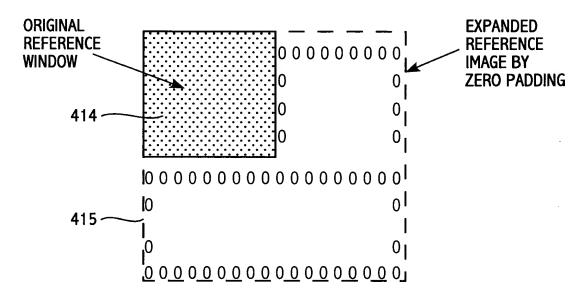


FIG. 4

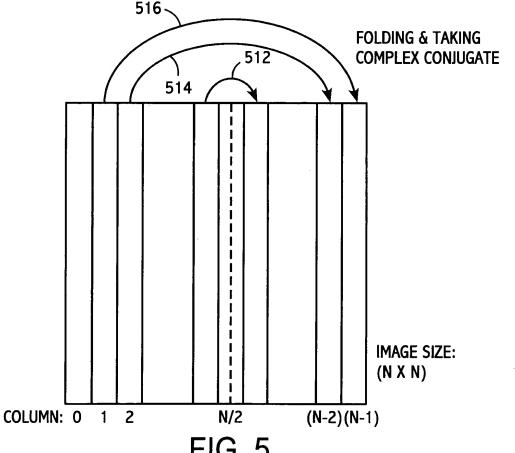


FIG. 5

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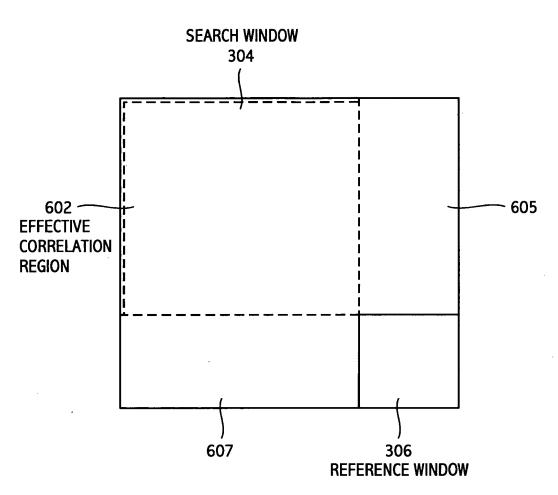


FIG. 6